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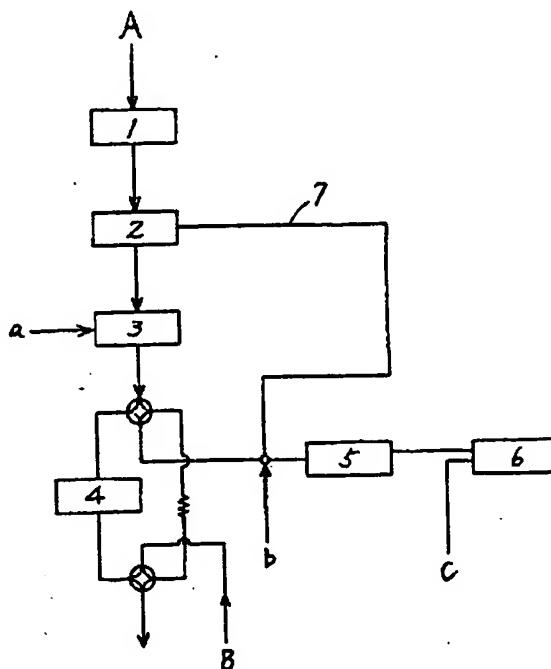
APPLICATION DATE : 23-06-79
APPLICATION NUMBER : 54079369

APPLICANT : YANAGIMOTO SEISAKUSHO:KK;

INVENTOR : FUJIMORI HIDETOSHI;

INT.CL. : G01N 31/08 G01N 31/08

TITLE : CONCENTRATION MEASURING
DEVICE FOR NONMETHANE
ORGANIC COMPOUND



ABSTRACT : PURPOSE: To obtain a device for measuring the concentration of a nonmethane organic compound at a high accuracy, by suitably arranging an oxidation furnace for use in oxidizing the nonmethane organic compounds contained in a sample from which CO, CO₂ and CH₄ have been removed beforehand, a reduction furnace for use in reducing CO₂, which is generated in the oxidation furnace, to CH₄, and a hydrogen flame ionization detector.

CONSTITUTION: A sample is sent with a carrier gas A, such as nitrogen, from a sample valve 1 to the first column or a cooling trap 2 so as to remove CO, CO₂ and CH₄ from nonmethane organic compounds contained in the sample. The resulting sample is introduced into an oxidation furnace 3 so as to be oxidized with heat as oxygen (a) is supplied thereto, and H₂O and CO₂ generated in the furnace 3 are separated from O₂ in the second column or a cooling trap 4. The CO₂ held in the second column or a cooling trap 4 is then sent to a reduction furnace 5, in which the CO₂ is reduced to CH₄ as hydrogen (b) is supplied thereto. The concentration of CH₄ is measured by using a hydrogen flame ionization detector 6. Thus, the concentration of nonmethane organic compound in the sample can be determined.

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②特	顯	印54-79369	②委 明 者	蘇聯 蘇聯	東都府山科区四〇号小金塚10	42	②出 顯	印	印54(1979)6月23日	②委 明 者	八木良樹	東都府社團本體作所	42	②委 明 者	印	印54(1979)6月23日	②委 明 者	八木良樹	東都府社團本體作所	28	大津市田上町津町23102	④代 理 人	并理士 新美健郎	外1名
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(貳 三 空)

④公用 昭和56年(1981)1月16日 一
G 01 N 31/08 ⑤Int. Cl. 3 請願記号 148 137 6514-2C 6514-2G 1 要明印數 1
審查請求 未請求
審查請求 未請求

⑨ 日本国特許庁 (JP) ⑩ 特許出願公署
⑪ 公開特許公報 (A) ⑫ 品56-4052

⑪ 日本国特許庁 (JP) ⑫ 特許出願公署

⑪ 日本国特許庁 (JP) ⑫ 特許出願公署

2. 特許請求の範囲

非对称性催化剂的确定测定

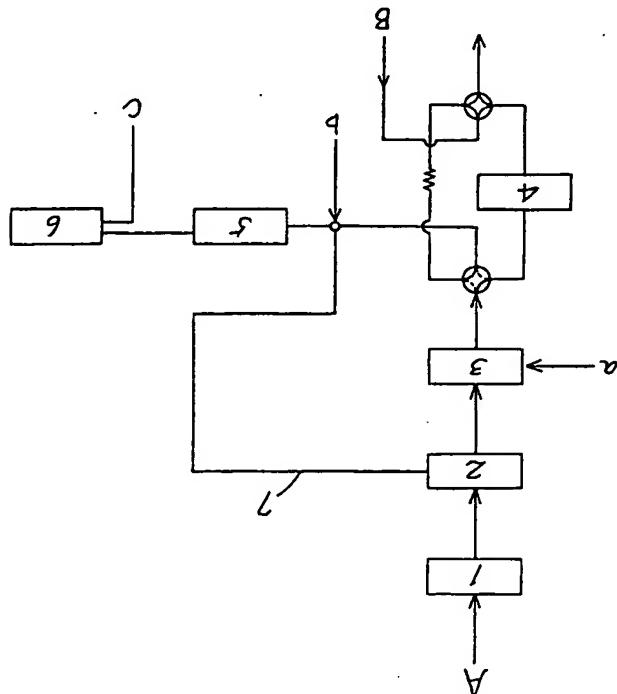
1. 器物の名前

明思錦

本說明書、及《非人化》有機化合物的測量上
水銀發光光化檢出器(FID)在用於乙炔上

新編人間地圖

特許出願人 株式会社 森本製作所



图面に本器の構成を示す略図を示す。

更甚、图画比文字阅读更费时(1)交通亾工水渠。
。视立于。